COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR CIP)

As a below named inventor, I hereby declare that:

This declaration is of the following type: (check one)

TYPE OF DECLARATION

[X] Original	[] National Stage PCT
[1 Cunniamental	[1 Divisional

[] Supplemental [] Divisional [] Continuation

[] Continuation-in-Part (CIP)

INVENTORSHIP IDENTIFICATION

NOTE: If the inventors are each not the inventors of all the claims an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PTFE SMALL CALIBER VASCULAR GRAFTS WITH SIGNIFICANT PATENCY ENHANCEMENT VIA A

SURFACE COATING WHICH CONTAINS COVALENTLY BONDED HEPARIN

the specification of which: (complete (a), (b) or (c))

- (a) [] is attached hereto.
- (b) [X] was filed on <u>September 13, 1996</u> as [] Serial No. **08**/_____ or

[X] Express Mail No. <u>EH494217747US</u>, as Serial No. not yet known and was amended on ______. (*If applicable*)

(c) [] was described and claimed in PCT International Application No. PCT/
filed on _____ and as amended under PCT Article 19 on _____. (If any)

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above, and that the filing of said specification, if heretofore filed, was authorized by me.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

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CLAIM OF PRIORITY OF EARLIER FOREIGN APPLICATION(S) UNDER 35 U.S.C. §119(a)-(d)

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

(List prior foreign/PCT application(s) filed within 12 months (6 months for design) prior to this U.S. application.)

NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority check item (e), enter the details below and make the priority claim.

COUNTRY (or PCT)	APPLICATION NO.	DATE OF FILING (Day/Month/Year)	PRIORITY CLAIMED UNDER 35 USC §119
	And the second s		[]YES []NO
			[]YES []NO

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. §119(e)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

(List prior U.S. provisional applications.)

PROVISIONAL APPLICATION NO.	FILING DATE (Day/Month/Year)

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

(List prior U.S. applications or PCT international applications designating the U.S. for benefit under 35 U.S.C. §120.)

U.S. APPLICATIONS STATUS (Check One)

U.S. SERIAL NO.	U.S. FILING DATE (Day/Month/Year)	Patented	Pending	Abandoned
0 /		[]	[]	[]
0/		[]	[]	[]

PCT APPLICATIONS DESIGNATING THE U.S.

STATUS (Check One)

PCT APPLN. NO.	PCT FILING DATE (Day/Month/Year)	U.S. SERIAL NOS. ASSIGNED (If any)	Patented	Pending	Abandoned
PCT/			[]	[]	[]
PCT/			[]	[]	[]

35 USC 119 PRIORITY CLAIM, IF ANY, FOR ABOVE LISTED U.S./PCT APPLICATIONS

PRIORITY	PRIORITY	FILING DATE	ISSUE DATE	
APPLICATION NO.	COUNTRY	(Day/Month/Year)	(Day/Month/Year)	

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office in connection therewith:

Charles R. Hoffmann, Reg. No. 24,102; Ronald J. Baron, Reg. No. 29,281; Gerald T. Bodner, Reg. No. 30,449; Alan M. Sack, Reg. No. 31,874; A. Thomas Kammer, Reg. No. 28,226; Arlene D. Morris, Reg. No. 32,657; R. Glenn Schroeder, Reg. No. 34,720; Glenn T. Henneberger, Reg. No. 36,074; Livia Boyadjian, Reg. No. 34,781; Sean W. O'Dea, Reg. No. 37,690; Lindsay S. Adams, Reg. No. 36,425; Paul J. Otterstedt, Reg. No. 37,411; Irving N. Feit, Reg. No. 28,601; William E. Lewis, Reg. No. 39,274; and Paul D. Ackerman, Reg. No. 39,891, each of them of HOFFMANN & BARON, 350 Jericho Turnpike, Jericho, New York 11753; and Daniel A. Scola, Jr., Reg. No. 29,855; Salvatore J. Abbruzzese, Reg. No. 30,152; Kirk M. Miles, Reg. No. 37,891; Kevin C. Hooper, Reg. No. P-40,402; and Robert F. Chisholm, Reg. No. 39,939, each of them of HOFFMANN & BARON, 1055 Parsippany Boulevard, Parsippany, New Jersey 07054.

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PLEASE SEND CORRESPONDENCE TO:

PLEASE DIRECT TELEPHONE CALLS TO:

HOFFMANN & BARON 350 Jericho Turnpike Jericho, NY 11753 Attorney: Daniel A. Scola, Jr. (201) 331-1700

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of sole or first inventor:	Birendra K. Patnaik	
Country of Citizenship:	USA	
Residence Address:	13 South Gables Drive; Chester, NJ 07930	
Post Office Address:	Same as Above	
Date: 10 16 96	Inventor's signature Linearde a. P. Aaik	
Full name of second inventor:	Horng-Ban Lin	
Country of Citizenship:		
Residence Address:	9 Willow Drive; Randolph, NJ 07869	
Post Office Address:	Same as Above	
Date:	Inventor's signature	

Full name of third inventor:	David J. Lentz
Country of Citizenship:	USA
Residence Address:	23 Timber Lane, Randpolph, NJ 07869
Post Office Address:	Same as Above
Date:	Inventor's signature
Full name of fourth inventor:	Richard J. Zdrahala
Country of Citizenship:	USA
Residence Address:	39 Cobblestone Terrace; Montville, NJ 07045
Post Office Address:	Same as Above
Date:	Inventor's signature

NOTE: All above spaces identifying inventors must be completed or deleted before any inventor executes this application)

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR CIP)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: (check or	ne)
[X] Original [] Supplemental [] Design	[] National Stage PCT [] Divisional [] Continuation [] Continuation-in-Part (CIP)

INVENTORSHIP IDENTIFICATION

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the specification of which: (complete (a), (b) or (c))

(a) [] is attached hereto.

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[] Serial No. 08 / or	
[X] Express Mail No. <u>EH494217747US</u> , as Serial No. not yet known	
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CLAIM OF PRIORITY OF EARLIER FOREIGN APPLICATION(S) UNDER 35 U.S.C. §119(a)-(d)

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

(List prior foreign/PCT application(s) filed within 12 months (6 months for design) prior to this U.S. application.)

NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority check item (e), enter the details below and make the priority claim.

COUNTRY (or PCT)	APPLICATION NO.	DATE OF FILING (Day/Month/Year)	PRIORITY CLAIMED UNDER 35 USC §119
			[]YES []NO
			[]YES []NO

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. §119(e)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

(List prior U.S. provisional applications.)

PROVISIONAL APPLICATION NO.	FILING DATE (Day/Month/Year)

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

(List prior U.S. applications or PCT international applications designating the U.S. for benefit under 35 U.S.C. §120.)

U.S. APPL	ICATIONS		ST	ATUS (Check	One)
U.S. SERIAL NO.	U.S. FILING DATE (Day/Month/Year)		Patented	Pending	Abandoned
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0 /			[]	[]	[]
PCT APPL	ICATIONS DESIGNATIN	IG THE U.S.	SI	「ATUS (Check	One)
PCT APPLN. NO.	PCT FILING DATE (Day/Month/Year)	U.S. SERIAL NOS. ASSIGNED (If any)	Patented	Pending	Abandoned
PCT/			[]	[]	[]
			[]	[]	[1

PRIORITY APPLICATION NO.	PRIORITY COUNTRY	FILING DATE (Day/Month/Year)	ISSUE DATE (Day/Month/Year)	
		٠		

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office in connection therewith:

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PLEASE SEND CORRESPONDENCE TO:	PLEASE DIRECT TELEPHONE CALLS TO:
HOFFMANN & BARON	Attorney:
350 Jericho Turnpike	Daniel A. Scola, Jr.
Jericho, NY 11753	(201) 331-1700

DECLARATION

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SIGNATURE(S)

Full name of sole or first inventor:	Birendra K. Patnaik
Country of Citizenship:	USA
Residence Address:	13 South Gables Drive; Chester, NJ 07930
Post Office Address:	Same as Above
Date:	Inventor's signature
Full name of second inventor:	Horng-Ban Lin
Country of Citizenship:	
Residence Address:	9 Willow Drive; Randolph, NJ 07869
Post Office Address:	Same as Above
Date:	Inventor's signature

Full name of third inventor:	David J. Lentz
Country of Citizenship:	USA
Residence Address:	23 Timber Lane, Randpolph, NJ 07869
Post Office Address:	Same as Above
Date: <u>/0/8/96</u>	Inventor's signature X
Full name of fourth inventor:	Richard J. Zdrahala
Country of Citizenship:	USA
Residence Address:	39 Cobblestone Terrace; Montville, NJ 07045
Post Office Address:	Same as Above
Date:	Inventor's signature

NOTE: All above spaces identifying inventors must be completed or deleted before any inventor executes this application)

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR CIP)

As a below named inventor, I hereby declare that	at:
TYPE OF D	ECLARATION
This declaration is of the following type: (check one	e)
[X] Original [] Supplemental [] Design	[] National Stage PCT [] Divisional [] Continuation [] Continuation-in-Part (CIP)
INVENTORSHIP	PIDENTIFICATION
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My residence, post office address and citizenshi I believe I am the original, first and sole inventor	ip are as stated below next to my name.
I believe I am the original, first and sole inventor joint inventor (if plural names are listed below) of the subjections on the invention entitled:	(if only one name is listed below) or an original, first and ject matter which is claimed and for which a patent is
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SURFACE COATING WHICH CONTAINS COVALENT	Y BONDED HEPARIN
the specification of which: (complete (a), (b) or (c))	
(a) [] is attached hereto.	
(b) [X] was filed on <u>September 13, 1996</u> a [] Serial No. 08/ or [X] Express Mail No. <u>EH494217747Us</u> and was amended on	S_, as Serial No. not yet known
(c) [] was described and claimed in PCT Intern filed on and as amended unc	ational Application No. <u>PCT/</u> der PCT Article 19 on (If any)
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498:128:HBNJ1:3495_1

CLAIM OF PRIORITY OF EARLIER FOREIGN APPLICATION(S) UNDER 35 U.S.C. §119(a)-(d)

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(List prior foreign/PCT application(s) filed within 12 months (6 months for design) prior to this U.S. application.)

Where item (c) is entered above and the International Application which designated the U.S. claimed priority check item (e), enter the details below and make the priority claim.

COUNTRY (or PCT)	APPLICATION NO.	DATE OF FILING (Day/Month/Year)	PRIORITY CLAIMED UNDER 35 USC §119
			[]YES []NO
			[]YES []NO

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. §119(e)

ij	I hereby claim the benefit under Title 35, United (application(s) listed below:	States Code, §119(e) of any United States provisional
The same and	(List pnor U.S. provisional applications.)	·
,	PROVISIONAL APPLICATION NO.	FILING DATE (Day/Month/Year)

Haring Comments 13 i si

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

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(List prior U.S. applications or PCT international applications designating the U.S. for benefit under 35 U.S.C. §120.)

U.S. APPLICATIONS STATUS (Check One)

PCT APPLICATIONS DESIGNATING THE U.S.

U.S. SERIAL NO.	U.S. FILING DATE (Day/Month/Year)	Patented	Pending	Abandoned
0 /		[]	[]	[]
0 /		[]	[]	[]

Abandoned PCT APPLN. NO. U.S. SERIAL NOS. Patented PCT FILING DATE Pending ASSIGNED (If any) (Day/Month/Year)

STATUS (Check One)

PCT/ [] [][] H PCT/ [] []

35 USC 119 PRIORITY CLAIM, IF ANY, FOR ABOVE LISTED U.S./PCT APPLICATIONS

PRIORITY APPLICATION NO.	PRIORITY COUNTRY	FILING DATE (Day/Month/Year)	ISSUE DATE (Day/Month/Year)	

POWER OF ATTORNEY

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PLEASE SEND CORRESPONDENCE	
please refer to the change of attainey adduss	Attorney: Daniel A. Scola, Jr. (201) 331-1700
made on mormation and belief are be knowledge that willful false statement	ents made herein of my own knowledge are true and that all statement effected to be true; and further, that these statements were made with the is and the like so made are punishable by fine or imprisonment, or both, a States Code, and that such willful false statements may jeopardize the v
	SIGNATURE(S)
Full name of sole or first inventor:	Birendra K. Patnaik
Country of Citizenship:	USA
Residence Address:	13 South Gables Drive; Chester, NJ 07930
Post Office Address:	Same as Above
	Same as Above nventor's signature
Date:	
Date:	nventor's signature Horng-Ban Lin
Date:	nventor's signature

Full name of third inventor:	David J. Lentz	
Country of Citizenship:	USA	
Residence Address:	23 Timber Lane, Randpolph, NJ 07869	
Post Office Address: Same as Above		
Date:	Inventor's signature	
Full name of fourth inventor:	Richard J. Zdrahala	-
Country of Citizenship:	USA	
Residence Address:	39 Cobblestone Terrace; Montville, NJ 07045	
Post Office Address:	Same as Above	
Data	inventor's signature	

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As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: (check one)

[X] Original
[] Supplemental
[] Design

[] National Stage PCT

[] Divisional [] Continuation

[] Continuation-in-Part (CIP)

INVENTORSHIP IDENTIFICATION

NOTE:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

<u>ePTFE SMALL CALIBER VASCULAR GRAFTS WITH SIGNIFICANT PATENCY ENHANCEMENT VIA A</u>

SURFACE COATING WHICH CONTAINS COVALENTLY BONDED HEPARIN

the specification of which: (complete (a), (b) or (c))

- (a) [] is attached hereto.
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 - [] Serial No. 08/_____o
 - [X] Express Mail No. <u>EH494217747</u>, as Serial No. not yet known and was amended on ______ (*If applicable*)

(c) [] was	described and	claimed in PCT International Application No. PCT	1
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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above, and that the filing of said specification, if heretofore filed, was authorized by me.

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CLAIM OF PRIORITY OF EARLIER FOREIGN APPLICATION(S) UNDER 35 U.S.C. §119(a)-(d)

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

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NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed pnority check item (e), enter the details below and make the priority claim.

COUNTRY (or PCT)	APPLICATION NO.	DATE OF FILING (Day/Month/Year)	PRIORITY CLAIMED UNDER 35 USC §119
			[]YES []NO
	A STATE OF THE PARTY OF THE PAR		[]YES []NO

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. §119(e)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

(List prior U.S. provisional applications.)

PROVISIONAL APPLICATION NO.	FILING DATE (Day/Month/Year)

0/

U.S. APPLICATIONS

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

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(List prior U.S. applications or PCT international applications designating the U.S. for benefit under 35 U.S.C. §120.)

U.S. SERIAL NO. U.S. FILING DATE Patented Pending Abandoned (Day/Month/Year) [] []

STATUS (Check One)

STATUS (Check One) PCT APPLICATIONS DESIGNATING THE U.S. Abandoned U.S. SERIAL NOS. Patented Pending PCT APPLN. NO. PCT FILING DATE ASSIGNED (If any) (Day/Month/Year) PCT/ [] [] [] PCT/ [] []

35 USC 119 PRIORITY CLAIM, IF ANY, FOR ABOVE LISTED U.S./PCT APPLICATIONS

PRIORITY	PRIORITY	FILING DATE	ISSUE DATE (Day/Month/Year)
APPLICATION NO.	COUNTRY	(Day/Month/Year)	

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office in connection therewith:

Charles R. Hoffmann, Reg. No. 24,102; Ronald J. Baron, Reg. No. 29,281; Gerald T. Bodner, Reg. No. 30,449; Alan M. Sack, Reg. No. 31,874; A. Thomas Kammer, Reg. No. 28,226; Arlene D. Morris, Reg. No. 32,657; R. Glenn Schroeder, Reg. No. 34,720; Glenn T. Henneberger, Reg. No. 36,074; Livia Boyadjian, Reg. No. 34,781; Sean W. O'Dea, Reg. No. 37,690; Lindsay S. Adams, Reg. No. 36,425; Paul J. Otterstedt, Reg. No. 37,411; Irving N. Feit, Reg. No. 28,601; William E. Lewis, Reg. No. 39,274; and Paul D. Ackerman, Reg. No. 39,891, each of them of HOFFMANN & BARON, 350 Jericho Turnpike, Jericho, New York 11753; and Daniel A. Scola, Jr., Reg. No. 29,855; Salvatore J. Abbruzzese, Reg. No. 30,152; Kirk M. Miles, Reg. No. 37,891; Kevin C. Hooper, Reg. No. P-40,402; and Robert F. Chisholm, Reg. No. 39,939, each of them of HOFFMANN & BARON, 1055 Parsippany Boulevard, Parsippany, New Jersey 07054.

PLEASE SEND CORRESPONDENCE TO:

PLEASE DIRECT TELEPHONE CALLS TO:

HOFFMANN & BARON 350 Jericho Turnpike Jericho, NY 11753

Attorney: Daniel A. Scola, Jr. (201) 331-1700

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of sole or first inventor:	Birendra K. Patnaik
Country of Citizenship:	
Residence Address:	13 South Gables Drive; Chester, NJ 07930
Post Office Address:	Same as Above
Date:	Inventor's signature
Full name of second inventor:	Horng-Ban Lin
Country of Citizenship:	
Residence Address:	9 Willow Drive; Randolph, NJ 07869
Post Office Address:	Same as Above
Date:	Inventor's signature

Full name of third inventor:	David J. Lentz
Country of Citizenship:	USA
Residence Address:	
Post Office Address:	Same as Above
Date:	Inventor's signature
Full name of fourth inventor:	Richard J. Zdrahala
Country of Citizenship:	USA
Residence Address:	39 Cobblestone Terrace; Montville, NJ 07045
Post Office Address:	Same as Above
Date: <u>Sept 20, 1996</u>	Inventor's signature Rieberth Adalala

NOTE: All above spaces identifying inventors must be completed or deleted before any inventor executes this application)

Docket: 498-128

PATENT

For: [X]U.S.and/or [X] Foreign Rights
For: [X]U.S.Application or []U.S.Patent
By: [X] Inventors or []Present Owners

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventors or persons or entities who own the invention)

Birendra K. Patnaik	Horng-Ban Lin	David J. Lentz
13 South Gables Drive	9 Willow Drive	23 Timber Lane
Chester, NJ 07930	Randolph, NJ 07869	Randolph, NJ 07869
Richard J. Zdrahala 39 Cobblestone Terrace Montville, NJ 07045 USA (If assignment is by person or entity to following) Recorded on Reel Frame		nd this was recorded in PTO add the
hereby sells, assigns and	d transfers to	
ASSIGNEE:	Meadox Medicals, I (Type or print name of ASSIGNEE) 112 Bauer Drive Address Oakland, NJ 0743 USA Nationality	

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

[x] the entire right, title and interest

	[]	an undivided percent (%) interest
for	the Ur	nited States and its territorial possessions
pric	[x] ority,	and in all foreign countries, including all rights to claim
enti	tled:	any and all improvements which are disclosed in the invention
		ALL CALIBER VASCULAR GRAFTS WITH SIGNIFICANT PATENCY ENHANCEMENT FACE COATING WHICH CONTAINS COVALENTLY BONDED HEPARIN
V TAY	A DON	
		(check and complete (a), (b), (c), (d),(e), (f) or (g))
and	which	is found in
(a)	[]	U.S. patent application executed on even date herewith
(b)	[]	U.S. patent application executed on
(¢}	[]	U.S. provisional application naming the above
		inventor(s) for the above-identified invention.
		[] Express Mail label No.:, mailed:
	Lj	To comply with 37 CFR 3.21 for recordal of this assignment, I an
2 2		ASSIGNOR signing below, hereby authorize and request my attorney
(====================================		to insert below the filing date and application number when they become known
(d)	[X]	- 1.4 · .
177	[]	September 13, 1996
(e)	[]	International application No. PCT//
(f)	[]	U.S. patent noissued
i ma		[] A change of address to which correspondence is to
		be sent regarding patent maintenance fees is being sent separately.
(g)	ſxl	and any legal equivalent thereof in a foreign country, including
` ' '	F3	the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or reexamination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Date: X 10 16 96 (Date of signing)	x Birendra 4. Katraile SIGNATURE OF ASSIGNOR
Date: <u>X</u>	<u>x</u>
Date: <u>X</u>	<u>x</u>
Date: X	X
Date:X	x
Date: <u>X</u>	<u>x</u>
If ASSIGNOR is a legal entity	complete the following information
	Type or print the name of the above person authorized to sign on behalf of ASSIGNOR
	Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

[X] Notarization or Legalization Page Added.

STATE	OF	New Je	rseg
			SS
COUNTY	OF	MORRIS	

On this 16 day of October, 1996, before me personally appeared BiRendla K. Patnaik to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

KATHLEEN J. GOODHAND NOTARY PUBLIC OF NEW JERSEY My Commission Expires July 15, 1997

STATE OF

SS

COUNTY OF

On this day of , 199 , before me personally appeared to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF

SS

COUNTY OF

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Notary Public

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, 1996, before me to me personally

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Notary Public

In the test that the last that half half In the test of the second seco Docket: 498-128 PATENT

For: [X]U.S.and/or[X]Foreign Rights
For: [X]U.S.Application or []U.S.Patent
By: [X]Inventors or []Present Owners

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventors or persons or entities who own the invention)

Birendra K. Patnaik	Horng-Ban Lin	David J. Lentz
13 South Gables Drive	9 Willow Drive	
Chester, NJ 07930	Randolph, NJ 07869	
Richard J. Zdrahala		
Richard J. Zdrahala 13 39 Cobblestone Terrace		
Montville, NJ 07045		
USA		
(I cassignment is by person or entity to following) Recorded on Reel	······	ed and this was recorded in PTO add the
Frame		
hereby sells, assigns an	d transfers to	
ASSIGNEE:	<u> Meadox Medicals</u>	
	(Type or print name of ASSIC 112 Bauer Drive	GNEE)
	Address <u>Oakland, NJ</u> 03	7436
	USA	
	Nationality	

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

[x] the entire right, title and interest

	[]	an undivided percent (%) interest
for	the Ur	nited States and its territorial possessions
orio	[x] ority,	and in all foreign countries, including all rights to claim
enti	tled:	any and all improvements which are disclosed in the invention
		ALL CALIBER VASCULAR GRAFTS WITH SIGNIFICANT PATENCY ENHANCEMENT FACE COATING WHICH CONTAINS COVALENTLY BONDED HEPARIN
		(check and complete (a), (b), (c), (d),(e), (f) or (g))
and	which	is found in
	[]	U.S. patent application executed on even date herewith U.S. patent application executed on U.S. provisional application naming the above inventor(s) for the above-identified invention. []Express Mail label No.:, mailed: To comply with 37 CFR 3.21 for recordal of this assignment, I an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known
	[]	U.S. application serial no. 08/13,300 filed on September 13, 1996 International application No. PCT// U.S. patent no issued [] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
(g)	[x]	and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or reexamination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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IN WITNESS WHEREOF, We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Date: X	X
(Date of signing)	SIGNATURE of ASSIGNOR
Date: <u>X</u>	<u>x</u>
Date:X	x
Date: x lest. 20, 1996	Richard Hahale
Date: <u>X</u>	x
Date: <u>X</u>	X
If ASSIGNOR is a legal entity	complete the following information
	Type or print the name of the above person authorized to sign on behalf of ASSIGNOR
	Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

[]Notarization or Legalization Page Added.

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C. 1. W.	. H-	1 I H.

SS

COUNTY OF

On this day of , 199 , before me personally appeared to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF

SS

COUNTY OF

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Notary Public

STATE OF

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Notary Public

STATE OF New Jersey
COUNTY OF Morris SS

On this 20th day of September, 1996, before me personally appeared Richard J. Zdrahala to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

KATHLEEN J. GOODHAND NOTARY PUBLIC OF NEW JERSEY My Commission Expires July 15, 1997 Docket: 498-128

PATENT

For: [X]U.S.and/or[X]Foreign Rights
For: [X]U.S.Application or []U.S.Patent
By: [X] Inventors or []Present Owners

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventors or persons or entities who own the invention)

Birendra K. Patnaik	Horng-Ban Lin	David J. Lentz
13 South Gables Drive	9 Willow Drive	23 Timber Lane
Chester, NJ 07930	Randolph, NJ 07869	Randolph, NJ 07869
Richard J. Zdrahala 39 Cobblestone Terrace		
Montville, NJ 07045		
USA		
(I assignment is by person or entity to following) Recorded on		ed and this was recorded in PTO add the
Reel		
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and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

[x] the entire right, title and interest

	[]	an undivided percent (%) interest
for	the U	nited States and its territorial possessions
prio	[x] ority,	and in all foreign countries, including all rights to claim
ent:	itled:	any and all improvements which are disclosed in the invention
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VIA	A SURI	FACE COATING WHICH CONTAINS COVALENTLY BONDED HEPARIN
		(check and complete (a), (b), (c), (d),(e), (f) or (g))
and	which	is found in
(a)	[]	U.S. patent application executed on even date herewith
(b)		U.S. patent application executed on
(cž		U.S. provisional application naming the above
97.5		inventor(s) for the above-identified invention.
		[]Express Mail label No.:, mailed:
the contract of the contract o	[]	To comply with 37 CFR 3.21 for recordal of this assignment, I an
122		ASSIGNOR signing below, hereby authorize and request my attorney
		to insert below the filing date and application number when they
3		become known
(d)	[X]	
177		September 13, 1996
(e)	[]	International application No. PCT//
(f)	[]	U.S. patent no issued
		[] A change of address to which correspondence is to
2		be sent regarding patent maintenance fees is being
		sent separately.
(g)	[x]	1 5 1 Holder
		the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or reexamination thereof.

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IN WITNESS WHEREOF, We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a)

was checked above.	
Date: $X / O/8/96$ (Date of signing)	X SIGNATURE OF ASSIGNOR
Date: <u>X</u>	<u>x</u>
Date:X	X
If ASSIGNOR is a legal entity	complete the following information
	Type or print the name of the above person authorized to sign on behalf of ASSIGNOR
	Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

[X] Notarization or Legalization Page Added.

STATE	OF	New	Je	rsey
COUNTS	7 05	· Nac	رزج	SS

On this day of Otober, 1996, before me personally appeared David J. Lentz to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

KATHLEEN J. GOODHAND NOTARY PUBLIC OF NEW JERSEY My Commission Expires July 15, 1997

STATE OF

SS

COUNTY OF

On this day of , 199 , before me personally appeared to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF

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Notary Public

COUNTY OF

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, 1996, before me to me personally

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Notary Public

STATE OF THE PARTY OF THE PARTY

For: [X]U.S.and/or[X] Foreign Rights For: [X]U.S.Application or []U.S.Patent By: [X] Inventors or []Present Owners

ASSIGNMENT OF INVENTION

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ASSIGNORS: (inventors or persons or entities who own the invention)

irendra K. Patnaik	Horng-Ban Lin	David J. Lentz
3 South Gables Drive	9 Willow Drive	23 Timber Lane
hester, NJ 07930	Randolph, NJ 07869	Randolph, NJ 07869
ichard J. Zdrahala		
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SA fassignment is by person or entity to the state of the	to whom invention was previously assigne	ed and this was recorded in PTO add the
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f assignment is by person or entity to the state of the s	to whom invention was previously assigned transfers to	Inc.
f assignment is by person or entity to the state of the s	nd transfers to Meadox Medicals,	Ing.
f assignment is by person or entity to the state of the s	meadox Medicals, (Type or print name of ASSIG- Address	Ing.

2

(complete one of the following)

the entire right, title and interest [x]

	[]	an undivided percent (%) interest
for t	he Ur	nited States and its territorial possessions
prior	[x]	and in all foreign countries, including all rights to claim
entit	led:	any and all improvements which are disclosed in the invention ALL CALIBER VASCULAR GRAFTS WITH SIGNIFICANT PATENCY ENHANCEMENT
		FACE COATING WHICH CONTAINS COVALENTLY BONDED HEPARIN
		(check and complete (a), (b), (c), (d),(e), (f) or (g))
and w	hich	is found in
/1- \	r 1	U.S. patent application executed on even date herewith U.S. patent application executed on
(c) 1	[]	U.S. provisional application naming the above inventor(s) for the above-identified invention. [Express Mail label No.: , mailed:
## Description of the control of the		inventor(s) for the above-identified invention. [] Express Mail label No.:, mailed: To comply with 37 CFR 3.21 for recordal of this assignment, I an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known
(d)	[X]	U.S. application serial no. 08/713,800 filed on
(e) [] (f) []	[]	<pre>September 13, 1996 International application No. PCT// U.S. patent no issued [] A change of address to which correspondence is to</pre>
de minima de min		be sent regarding patent maintenance fees is being sent separately.
(g)	[x]	and any legal equivalent thereof in a foreign country, including the right to claim priority
	and,	in and to, all Letters Patent to be obtained for said invention

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or reexamination thereof.

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IN WITNESS WHEREOF, We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

	Date:X	X
	(Date of signing)	SIGNATURE of ASSIGNOR
ATTICLE OF THE PARTY OF THE PAR	Date: x /2-6-96	x Hughan Lin
	/	
	Date:X	<u>X</u>
	Date:X	X
	Date:X	<u>X</u>
•		
	Date: <u>X</u>	X
	If ASSIGNOR is a legal entity	complete the following information
		Type or print the name of the above person authorized to sign on behalf of ASSIGNOR
		•
		Title

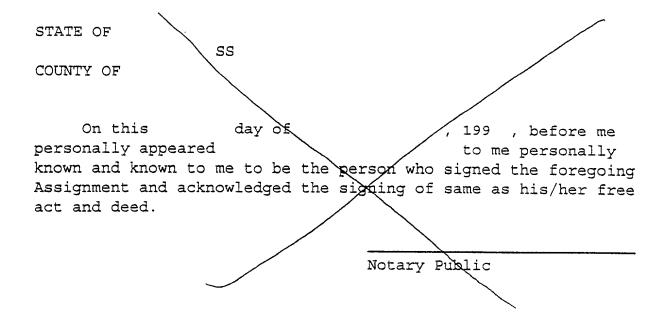
[X] Notarization or Legalization Page Added.

No witnessing, notarization or legalization is necessary. If the assignment is notarized or

legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if

NOTE:

notarization is desired.



STATE OF New Jersey SE COUNTY OF Bergen

On this 6th day of December, 1996, before me personally appeared H_{Orng} —Ban Lin to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Aublic

MARGUERITE J. MUI/LIN A Notary Public of New Jersey My Commission Expires July 19, 1895.

Aug. 14, 2000

STATE OF

SS

COUNTY OF

On this day of , 199 , before me personally appeared to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public